

In the Claims:**Claims 1-9 have been amended.**

G1

1 (Amended). An isolated DNA sequence comprising a polynucleotide encoding a polypeptide selected from the group consisting of SEQ ID Nos: 1, 3-19 wherein said polypeptide is required for the synthesis of antibiotic TA.

G2

2 (Amended). An isolated DNA sequence according to claim 1, wherein said polynucleotide has a sequence as set forth in and one of SEQ ID NOs: 2 and 20.

G3

3 (Amended). An isolated DNA sequence according to claim 2, wherein said DNA is SEQ ID NOs: 2 or 20.

G4

4 (Amended). A vector comprising the DNA sequence according to claims 1 or 2.

G5

5 (Amended). A vector, according to claim 4, further comprising a promoter sequence operatively linked to said DNA.

G6

6 (Amended). A host cell transformed with the vector according to claim 5.

G7

7 (Amended). An *E. coli* host cell transformed with the vector according to claim 5.

G8

8 (Amended). A method of making a polypeptide comprising the following steps:

- a) culturing a host cell according to claim 6 under such conditions that the encoded polypeptide is expressed, and
- b) isolating said encoded polypeptide.

G9

9 (Amended). An isolated polypeptide required for the synthesis of antibiotic TA, said polypeptide having a sequence as set forth in and one of SEQ ID Nos: 1, 3-19.